

REMARKS

Enclosed herewith in full compliance to 37 C.F.R. §§1.821-1.825 is a Substitute Sequence Listing to be inserted into the specification as indicated above. The Substitute Sequence Listing in no way introduces new matter into the specification. Also submitted herewith in full compliance to 37 C.F.R. §§1.821-1.825 is a disk copy of the Substitute Sequence Listing. The disk copy of the Sequence Listing, file "3759-0115P.ST25.txt", is identical to the paper copy, except that it lacks formatting.

The amendments being made are intended to reference each nucleotide sequence by a SEQ ID NO. No new matter is introduced by these amendments.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fees required under 37 C.F.R. § 1.16 or under 37 C.F.R. § 1.17; particularly, extension of time fees.

Respectfully submitted,

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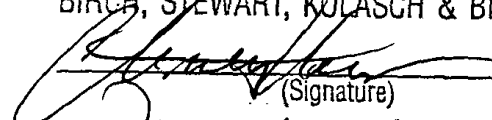
I hereby certify that this correspondence is being transmitted by the United States Postal Service as first class mail, postage prepaid, in an envelope to: Commissioner of Patents and Trademarks, Washington

Attachments:

Disk Copy of Sequence Listing
Paper Copy of Sequence Listing
Copy of Notice to Comply

D.C. 20231 on: 12-6-01
(Date of deposit)

BIRCH, STEWART, KOLASCH & BIRCH, LLP


(Signature)
December 6, 2001
(Date of Signature)

VERSION WITH MARKINGS TO SHOW CHANGES MADE

Material being added is underlined, material being [deleted] is in bold brackets.

The paragraph beginning on page 18 line 9:

9859-top: 5'-TGTACTAGTGACCACCCTGTCTTACGGCGTGCA-3' (SEQ ID NO: 9)
9860-bottom: 5'-CTGACTAGTGTGGGCCAGGGCACGGGCAGC-3' (SEQ ID NO: 10)
0225-bottom: 5'-CCCGGCGGCGGTACGAACCCTAGGAGGACCATGTGATCGCG-3'
(SEQ ID NO: 11)
0226-top: 5'-CGCGATCACATGGTCCTCCTAGGGTTCGTGACCGCCGCCGGG-3'
(SEQ ID NO: 12)

The paragraph beginning on page 19 line 20:

9840-top: 5'-GTACCGGTCACCATGAGTAAAGGAGAAGAAC-3' (SEQ ID NO: 13)
9841-bottom: 5'-TTATTGGTACCCTTCATCCATGCCATGTG-3' (SEQ ID NO: 14)
0317-top: 5'-GAGATCACATGATCCTCCTAGGGTTTGTAACAGCTGCTGGG-3' (SEQ ID NO: 15)
0318-bottom: 5'-CCCAGCAGCTGTTACAAACCCTAGGAGGATCATGTGATCTC-3'
(SEQ ID NO: 16)
0325-top: 5'-CCAACGCTTGTCACAACGTTTTCTTATGGTGTTTC-3' (SEQ ID NO: 17)
0326-bottom: 5'-GAACACCATAAGAAAACGTTGTGACAAGCGTTGG-3' (SEQ ID NO: 18)
0327-top: 5'-CCCACACTAGTGACAACGTTTTCTTACGGCGTGC-3' (SEQ ID NO: 19)
0328-bottom: 5'-GCACGCCGTAAGAAAACGTTGTCACTAGTGTGGG-3' (SEQ ID NO: 20)

The paragraph beginning on page 20 line 20:

1259-top: 5'-GTTGTTTCATGAGTAAAGGAGAAGAACTTTTC-3' (SEQ ID NO: 21)
1260-bottom: 5'-GTTGGATCCTTATTTGTATAGTTCATCCATG-3' (SEQ ID NO: 22)
1261-top: 5'-GTTGTTCCATGGTGAGCAAGGGCGAGGAGCTG-3' (SEQ ID NO: 23)
1262-bottom: 5'-GTTGGATCCTTACTTGTACAGCTCGTCCATG-3' (SEQ ID NO: 24)